

Program EVALPLOT
(Version 2021-1)

by

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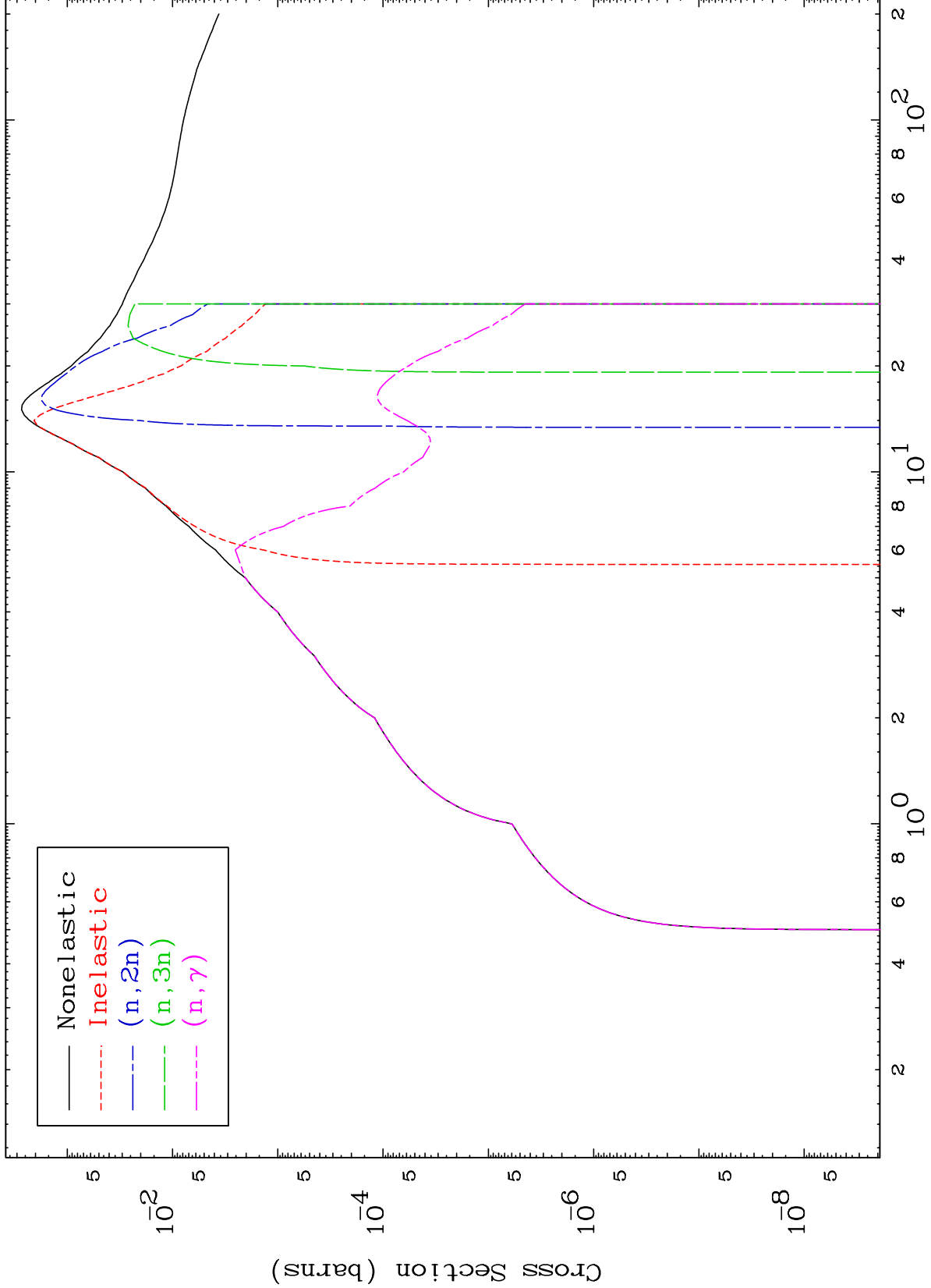
Press Mouse Button to Start

MAT 4959

Photon Major

49-In-124m

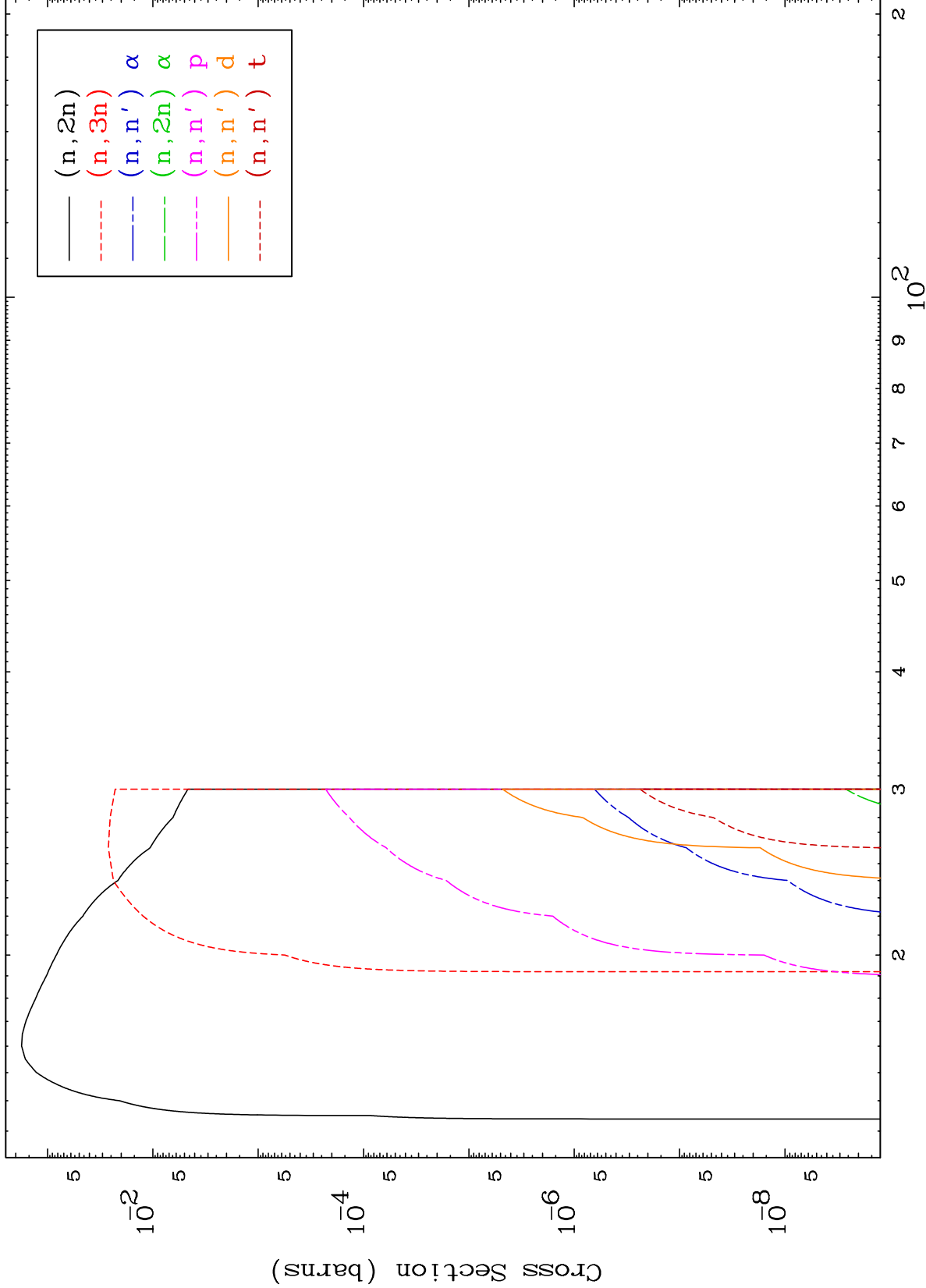
0 Kelvin Cross Sections



MAT 4959

Photon Neutron Absorption
0 Kelvin Cross Sections

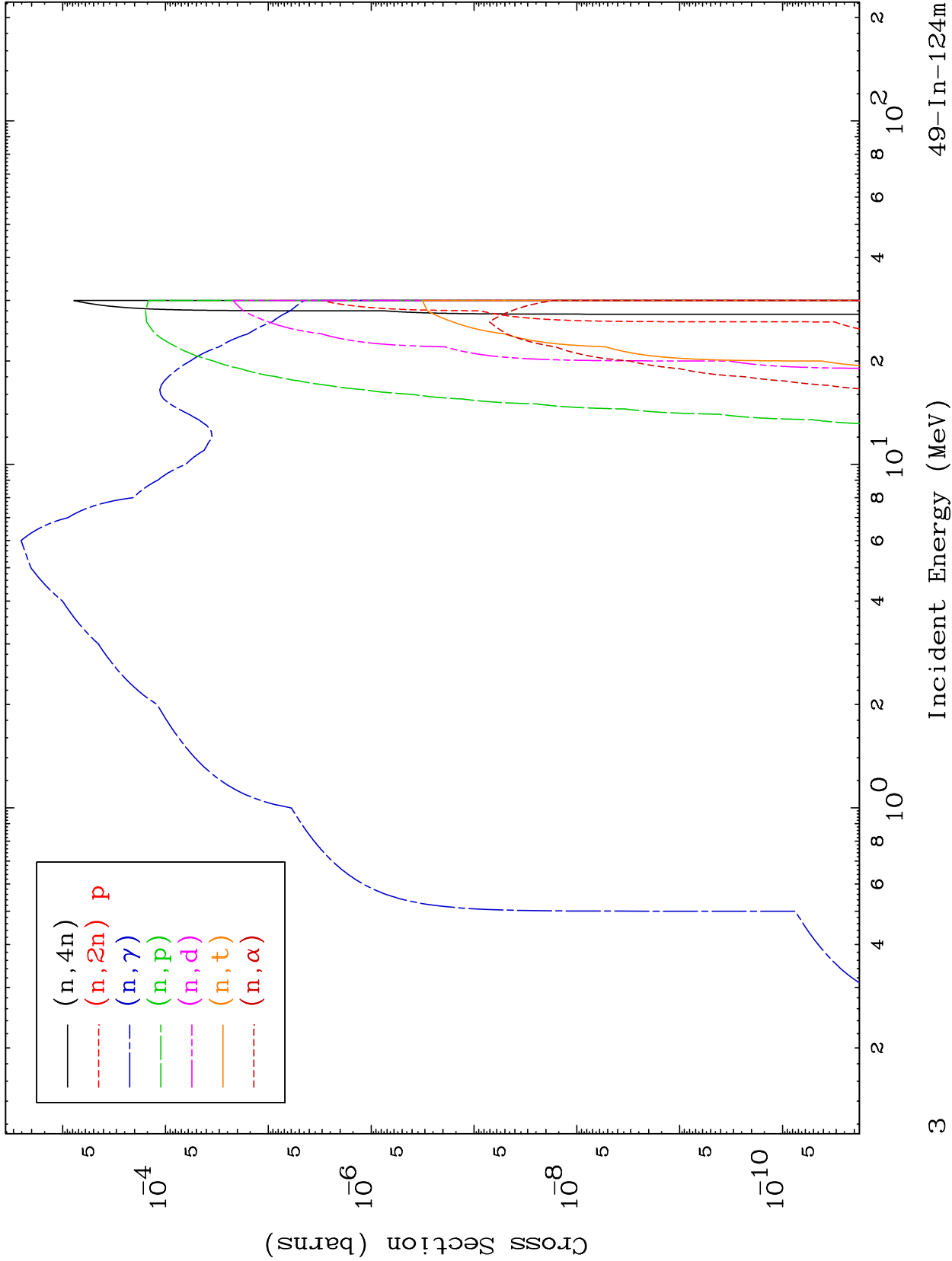
49-In-124m



2

Incident Energy (MeV)

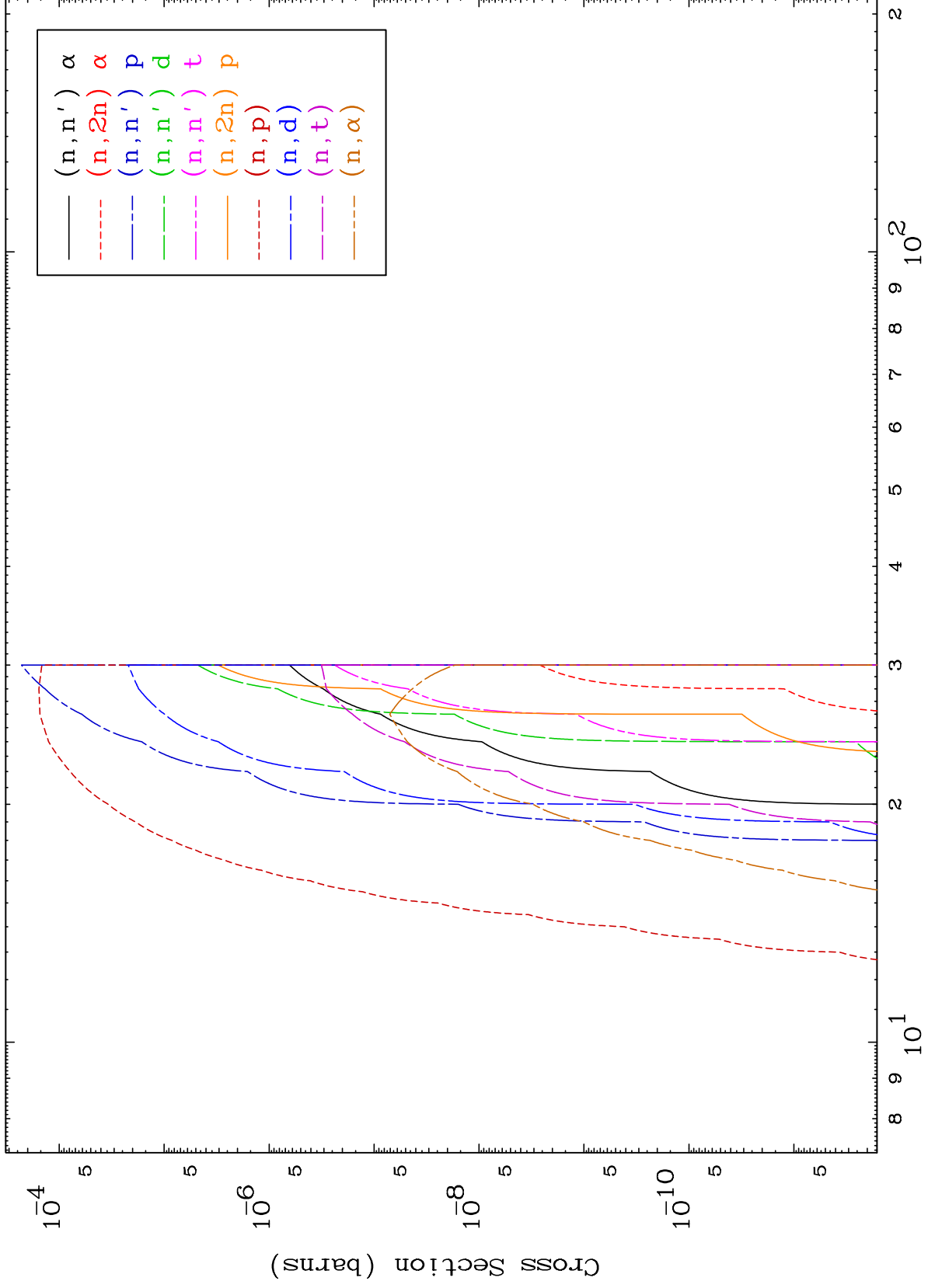
49-In-124m



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Photon Charged Particle
0 Kelvin Cross Sections

49-In-124m



49-In-124m

Incident Energy (MeV)

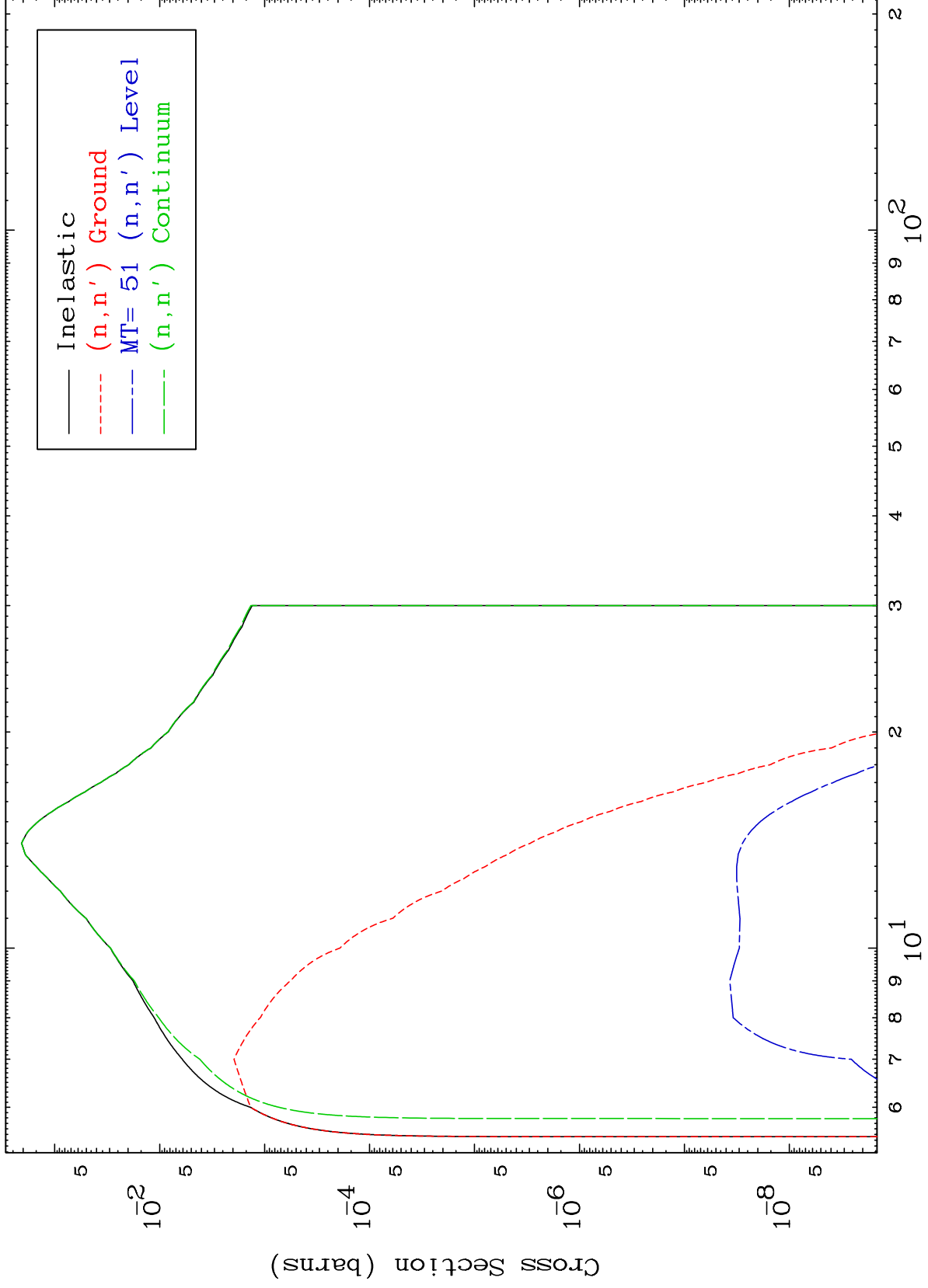
4

MAT 4959

(γ, n') Levels

49-In-124m

0 Kelvin Cross Sections



Legend:
— Inelastic
- - - (n, n') Ground
- - - MT= 51 (n, n') Level
- - - (n, n') Continuum

5

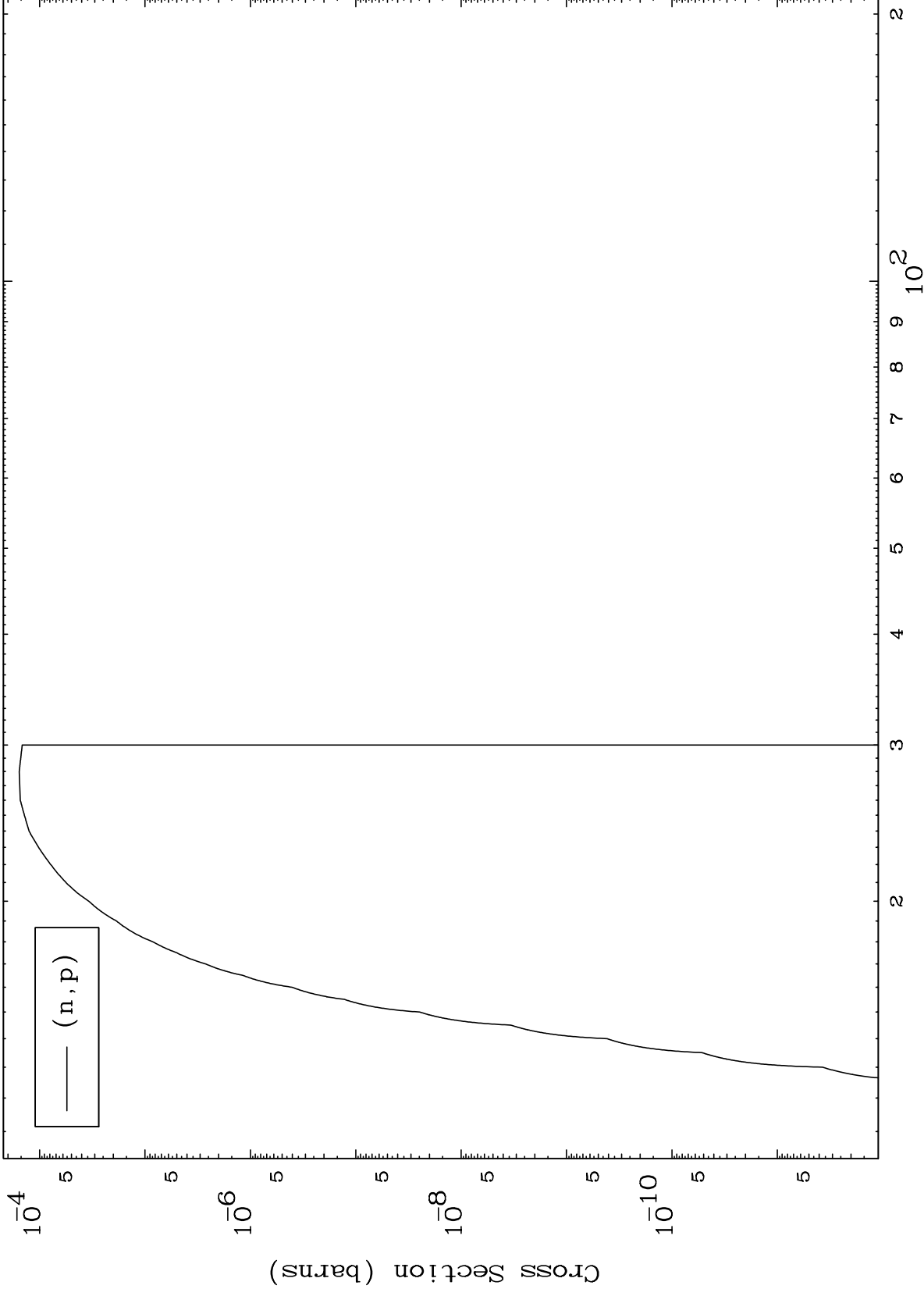
Incident Energy (MeV)

49-In-124m

MAT 4959

(γ, p) Levels
0 Kelvin Cross Sections

49-In-124m



6

Incident Energy (MeV)

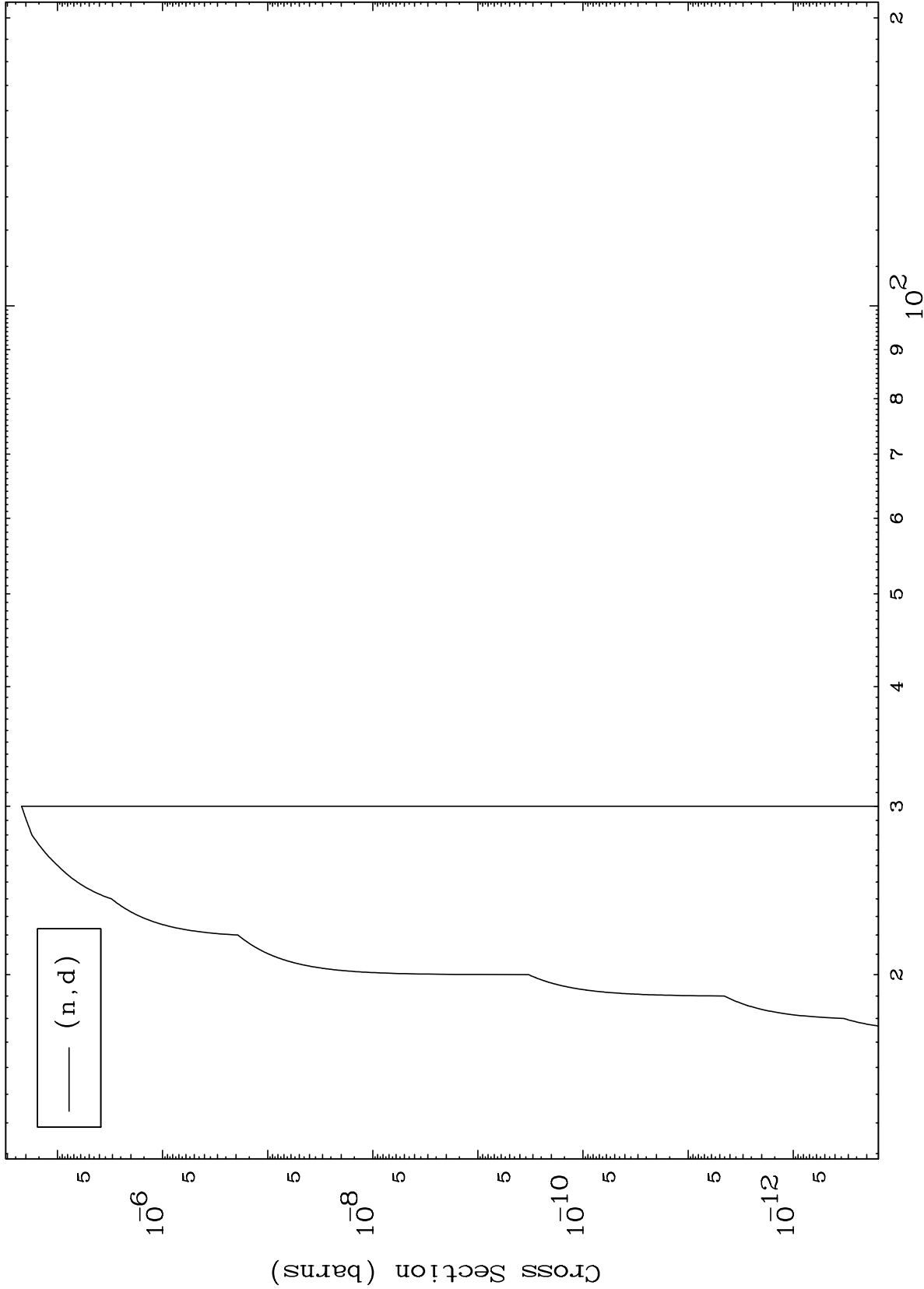
49-In-124m

MAT 4959

(γ, d) Levels

49-In-124m

0 Kelvin Cross Sections



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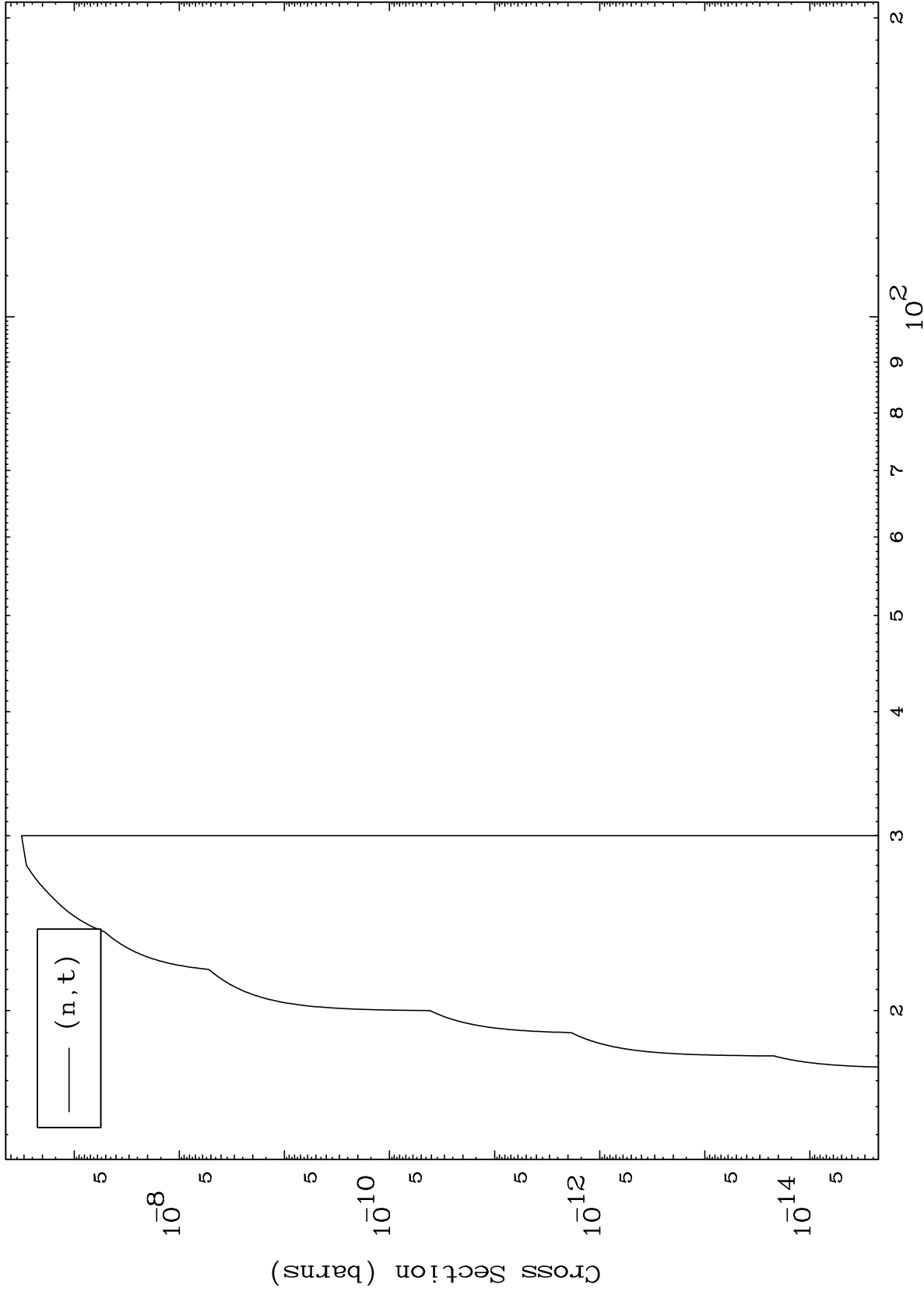
Incident Energy (MeV)

49-In-124m

MAT 4959

(γ, t) Levels
0 Kelvin Cross Sections

49-In-124m



8

Incident Energy (MeV)

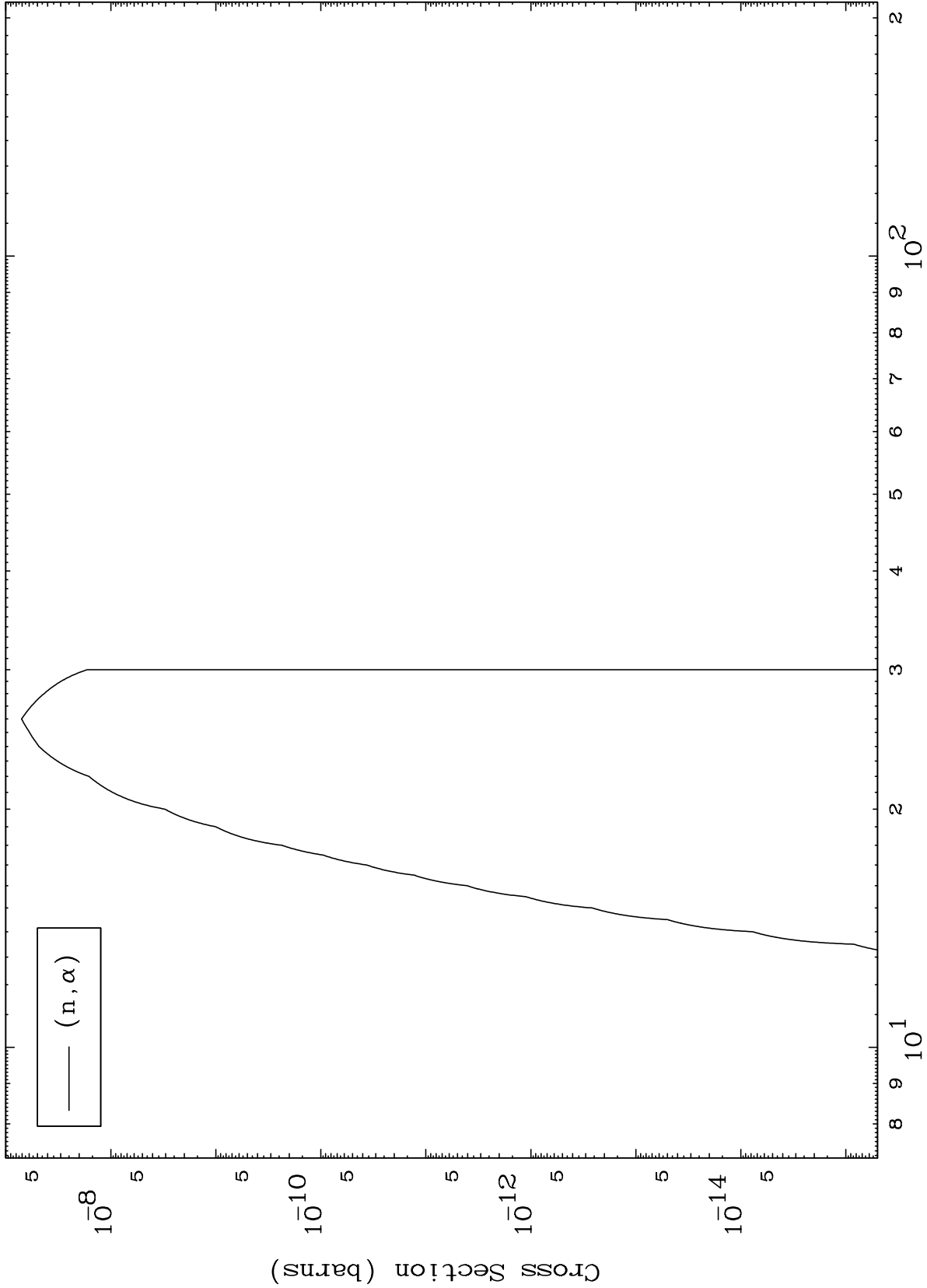
49-In-124m

MAT 4959

(γ, α) Levels

49-In-124m

0 Kelvin Cross Sections



9

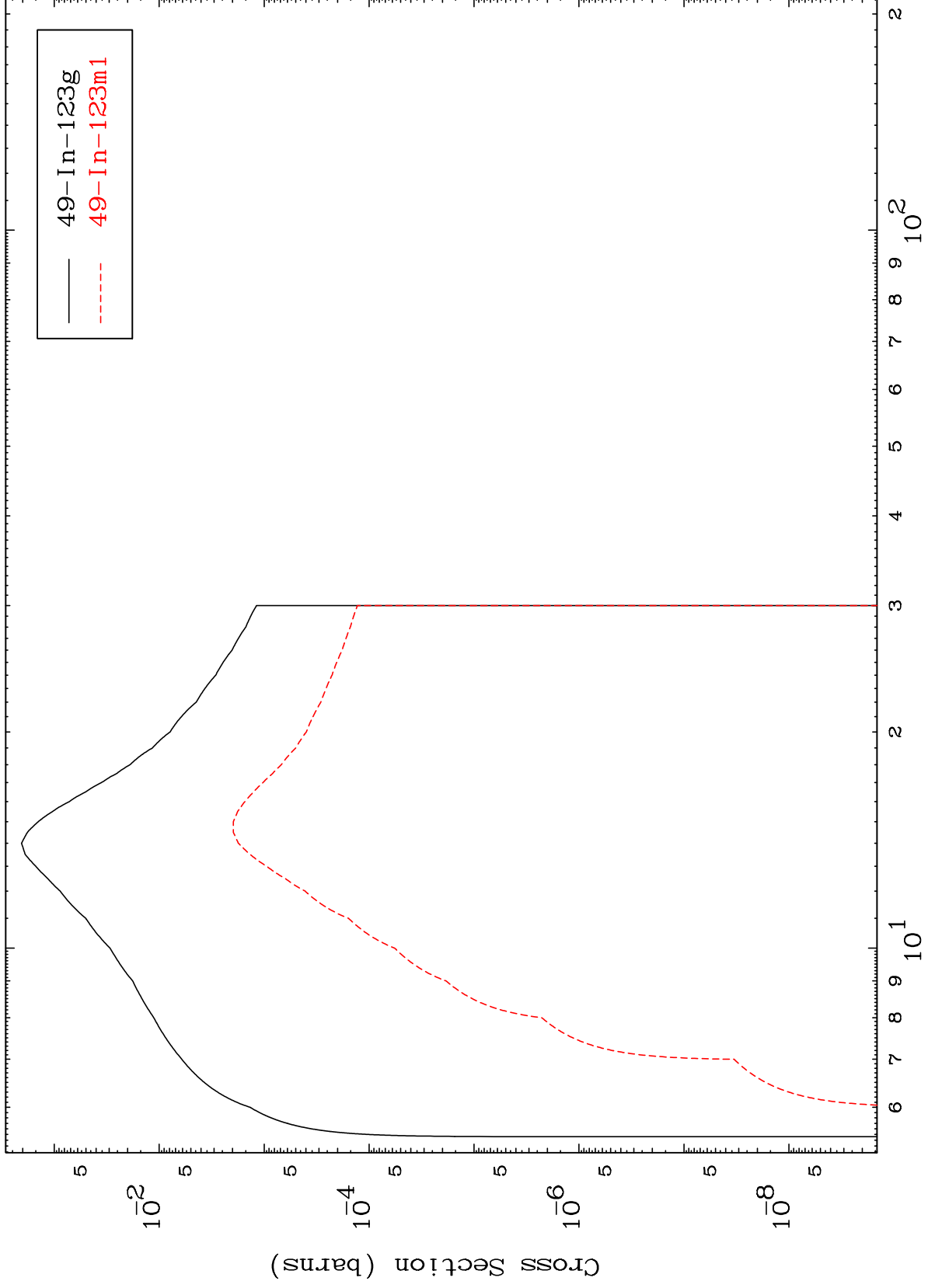
Incident Energy (MeV)

49-In-124m

MAT 4959

Inelastic
Radionuclide Production Cross Section

49-In-124m



10

Incident Energy (MeV)

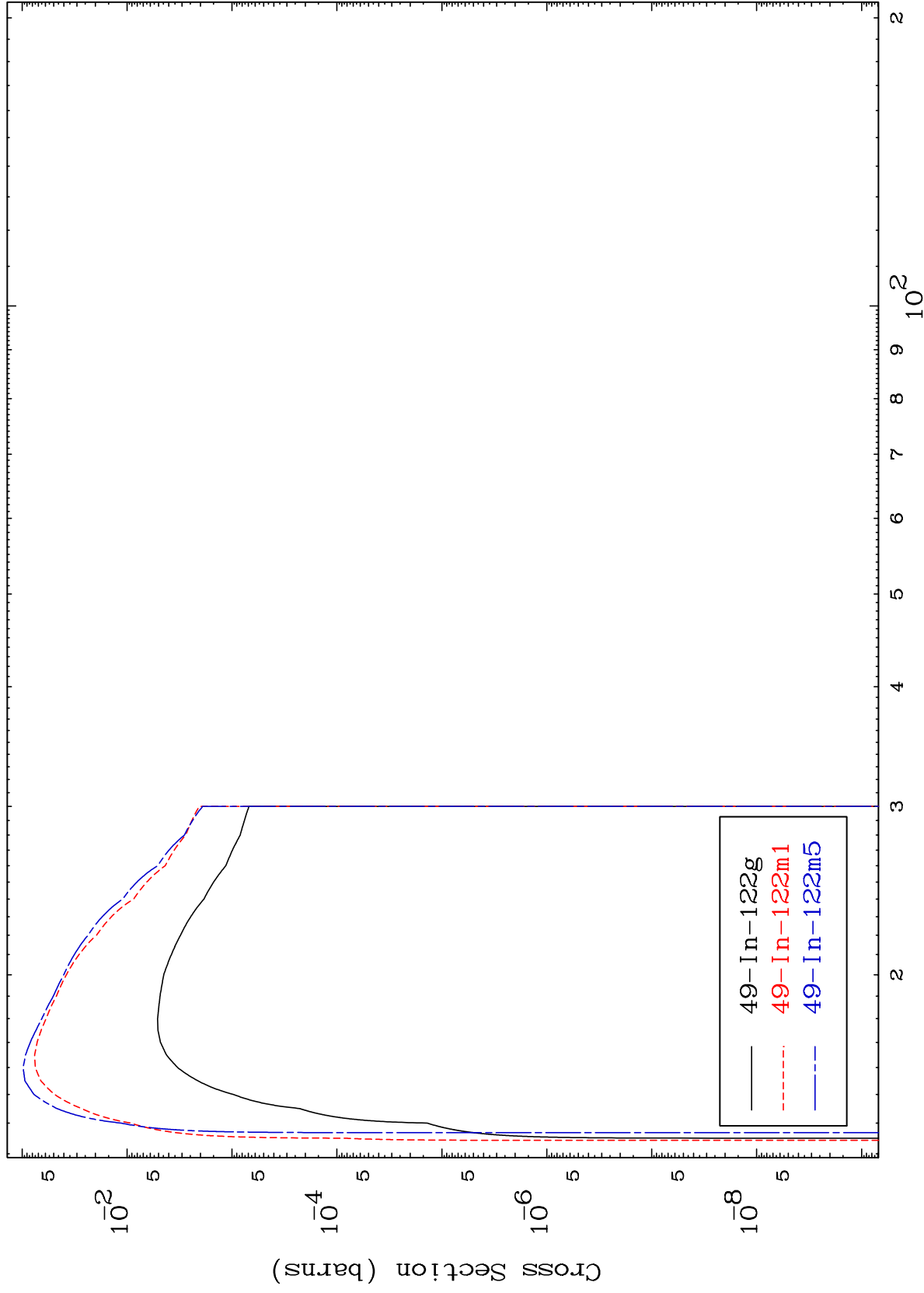
49-In-124m

MAT 4959

(n,2n)

49-In-124m

Radionuclide Production Cross Section

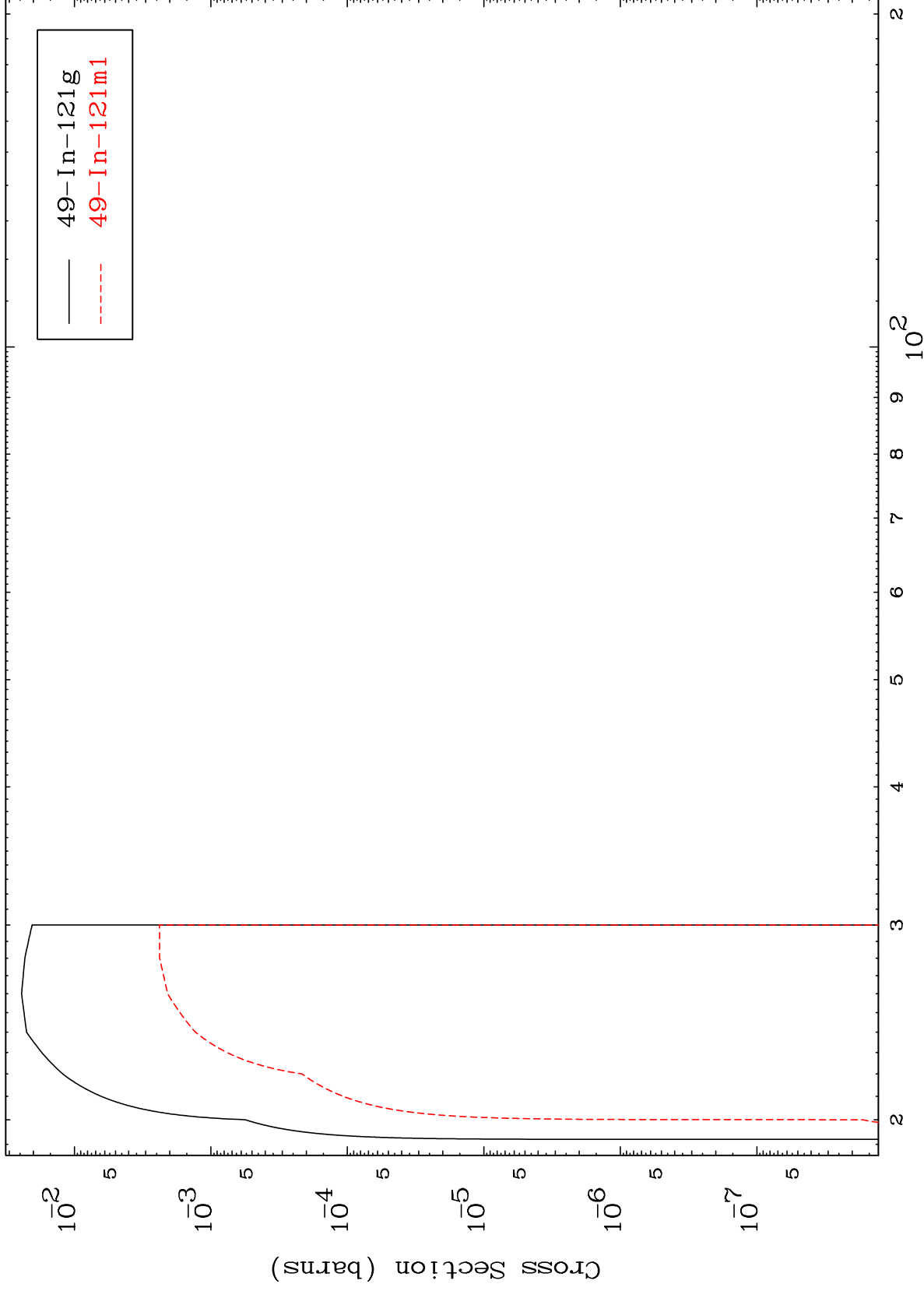


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(n,3n)

49-In-124m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

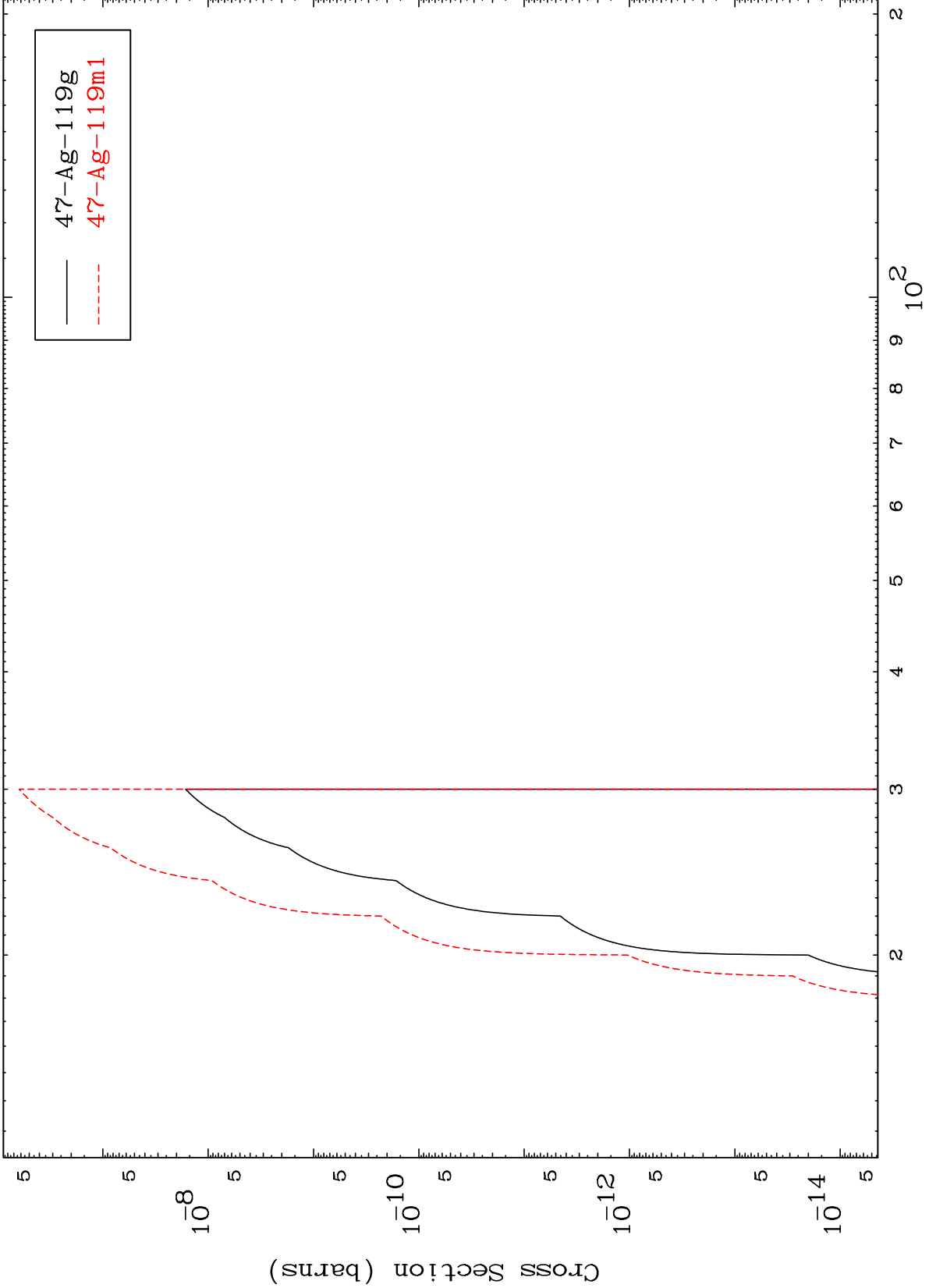
49-In-124m

MAT 4959

$(n, n') \alpha$

49-In-124m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

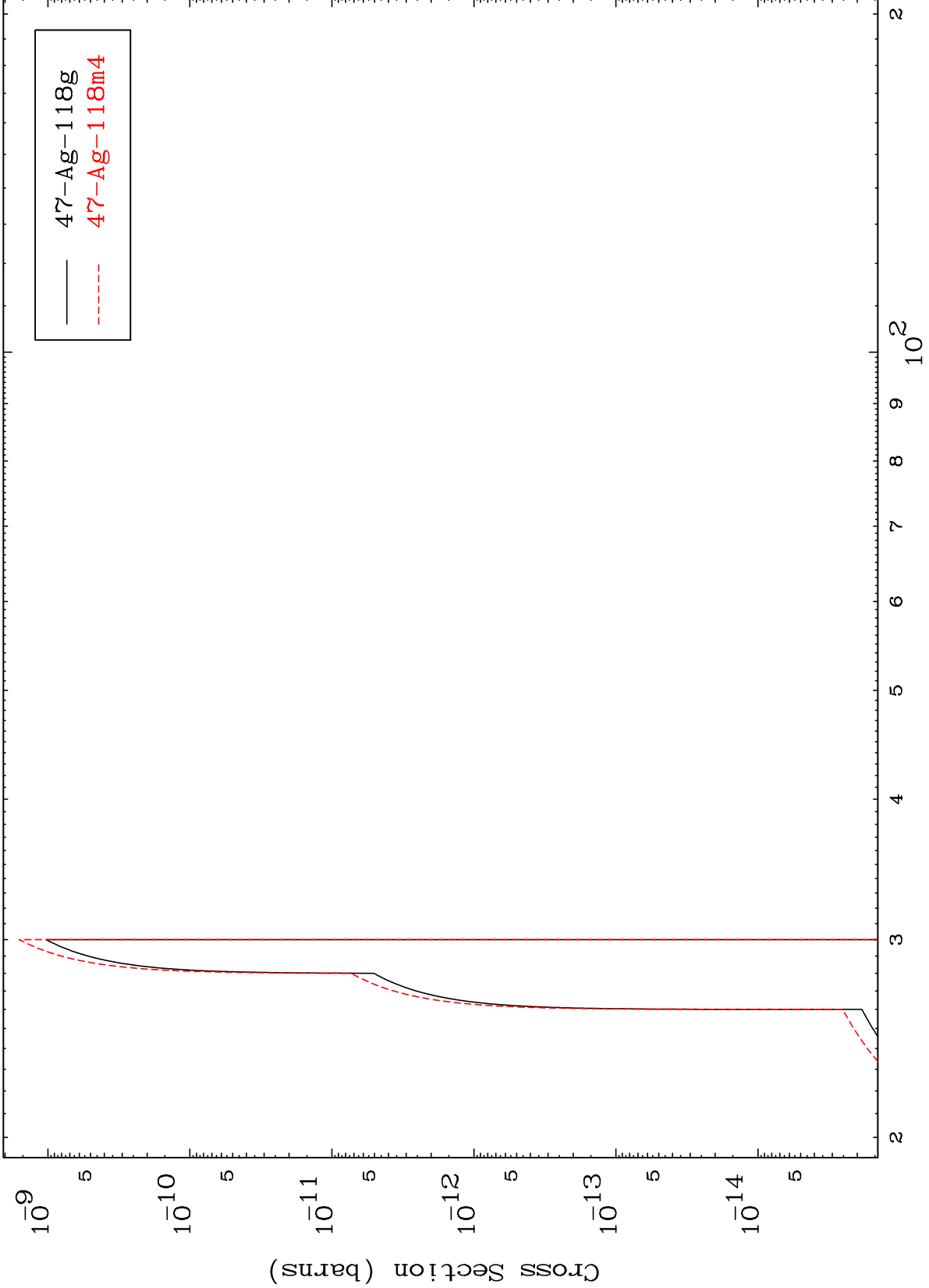
49-In-124m

MAT 4959

(n,2n) α

49-In-124m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

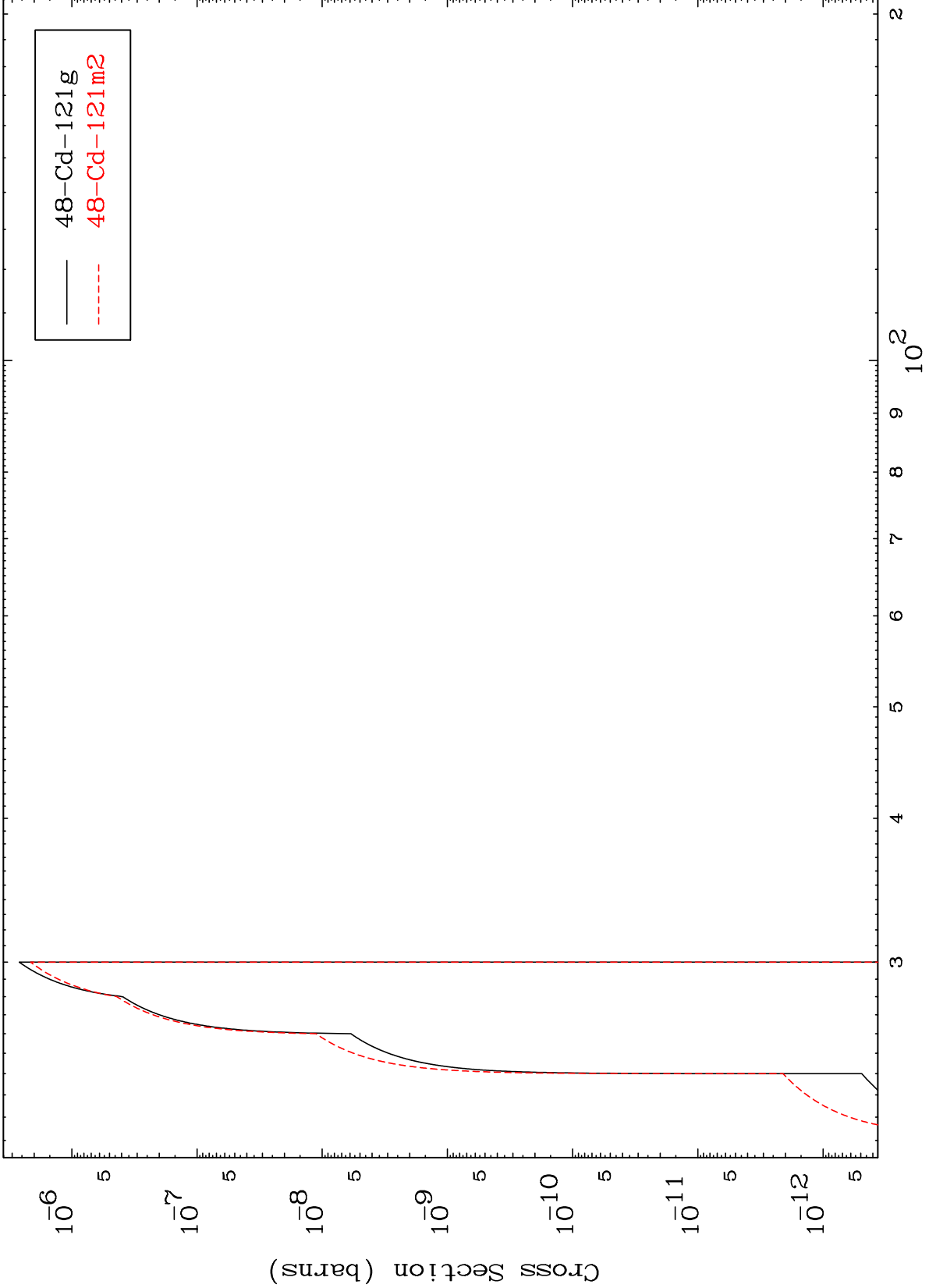
49-In-124m

MAT 4959

(n,n') d

49-In-124m

Radionuclide Production Cross Section



48-Cd-121g
48-Cd-121m2

15

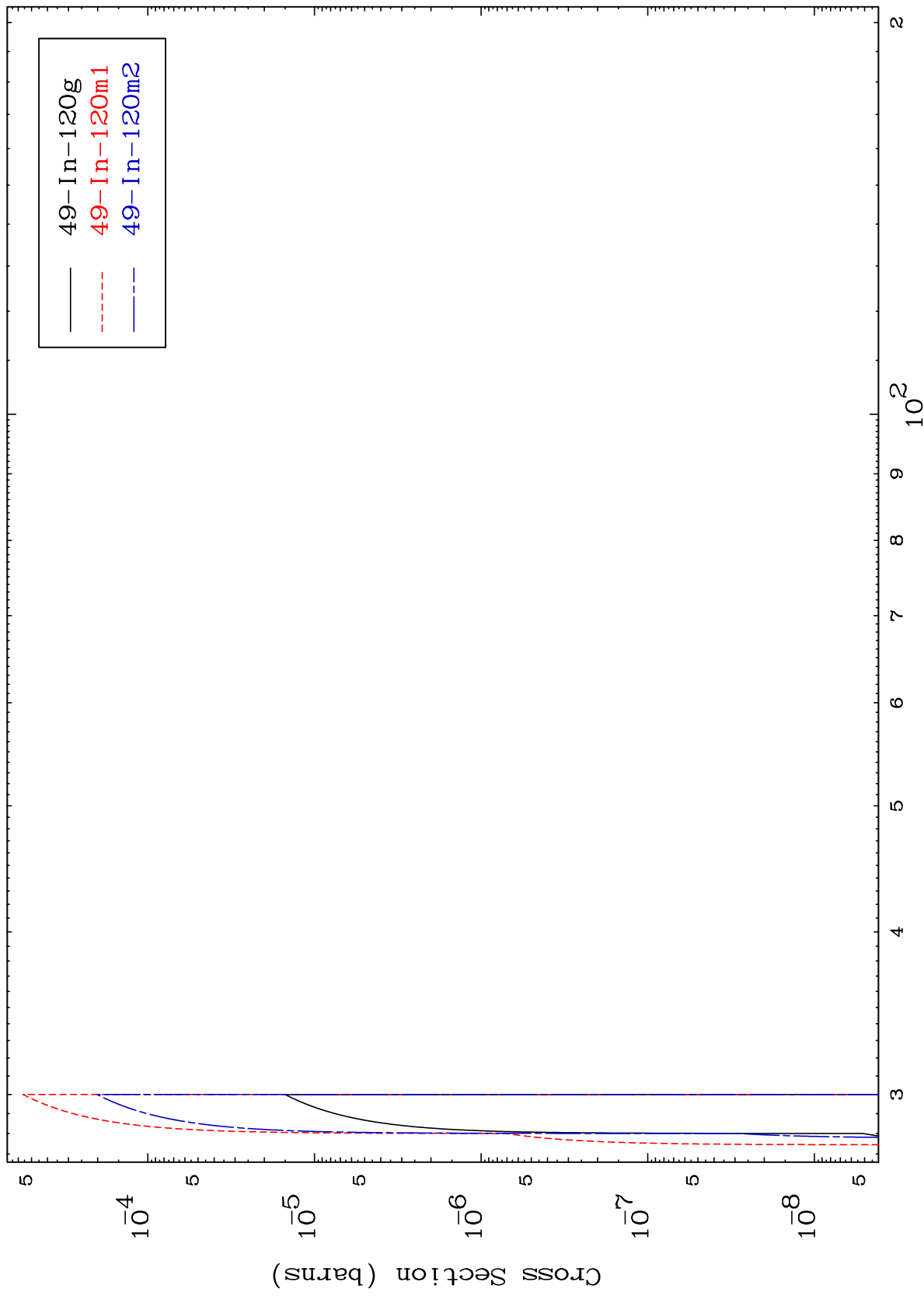
Incident Energy (MeV)

49-In-124m

MAT 4959

49-In-124m

(n,4n)
Radionuclide Production Cross Section



49-In-124m

Incident Energy (MeV)

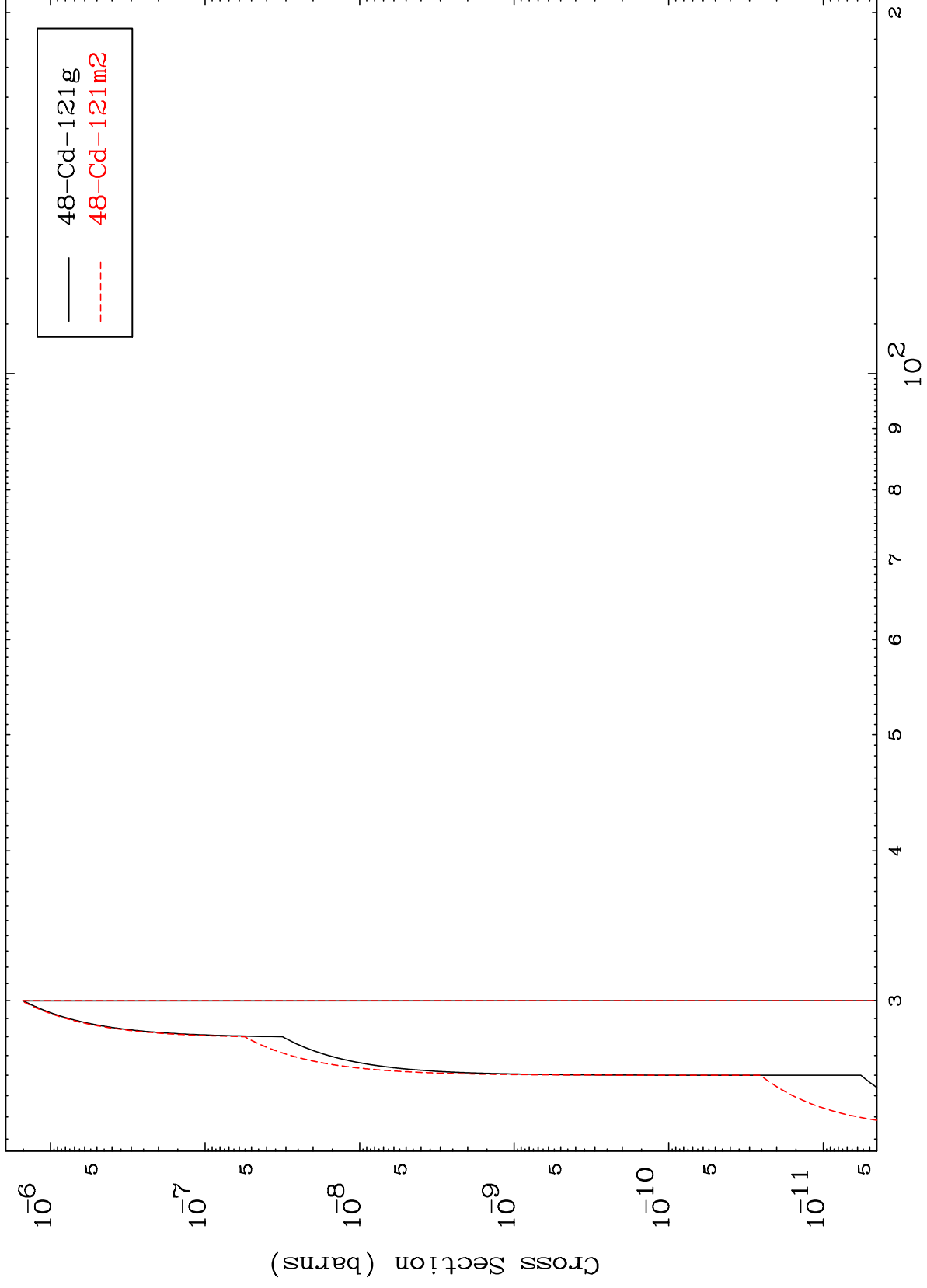
16

MAT 4959

(n,2n) p

49-In-124m

Radionuclide Production Cross Section



17

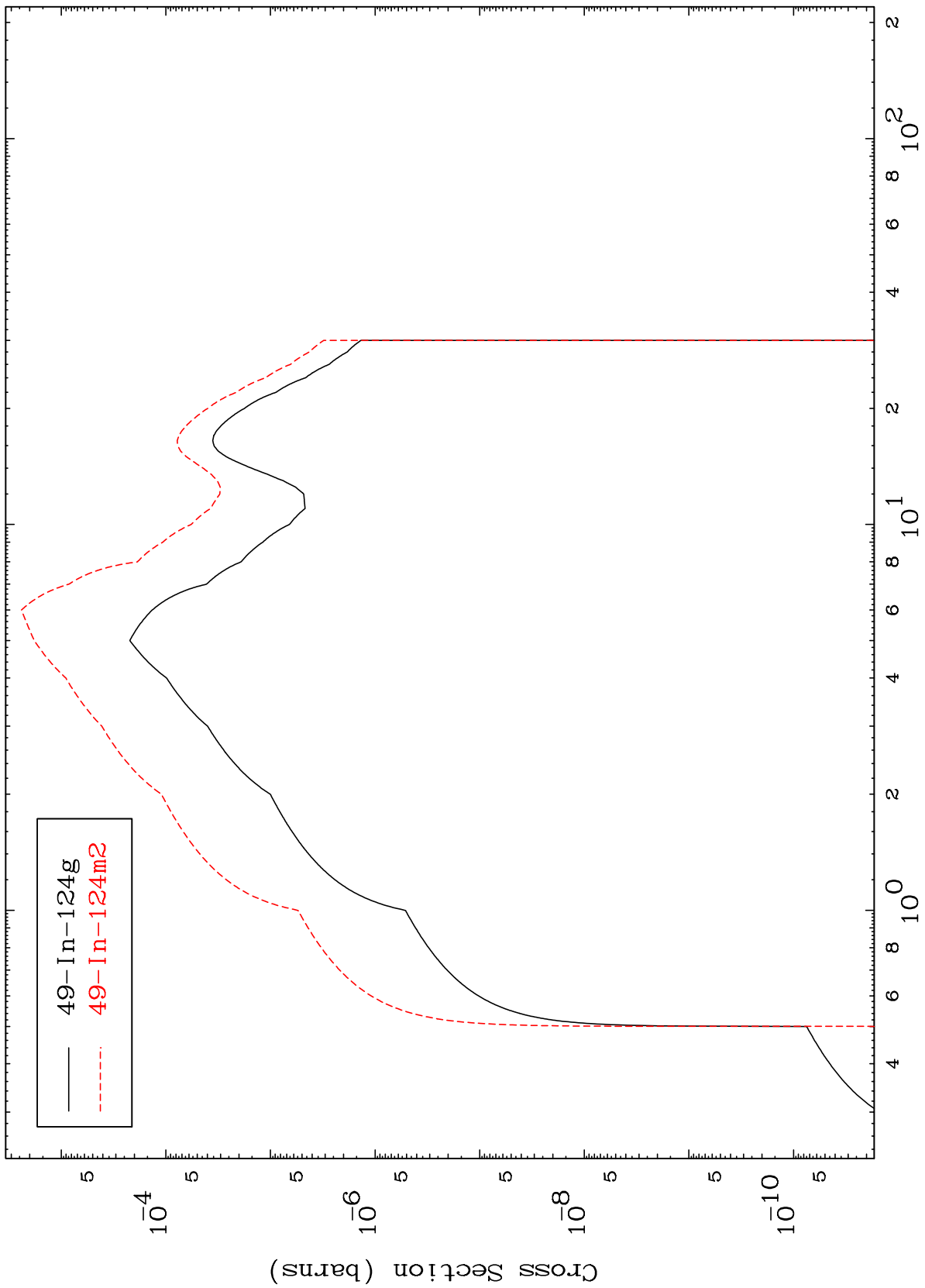
Incident Energy (MeV)

49-In-124m

MAT 4959

49-In-124m

Radionuclide Production Cross Section
(n, γ)



18

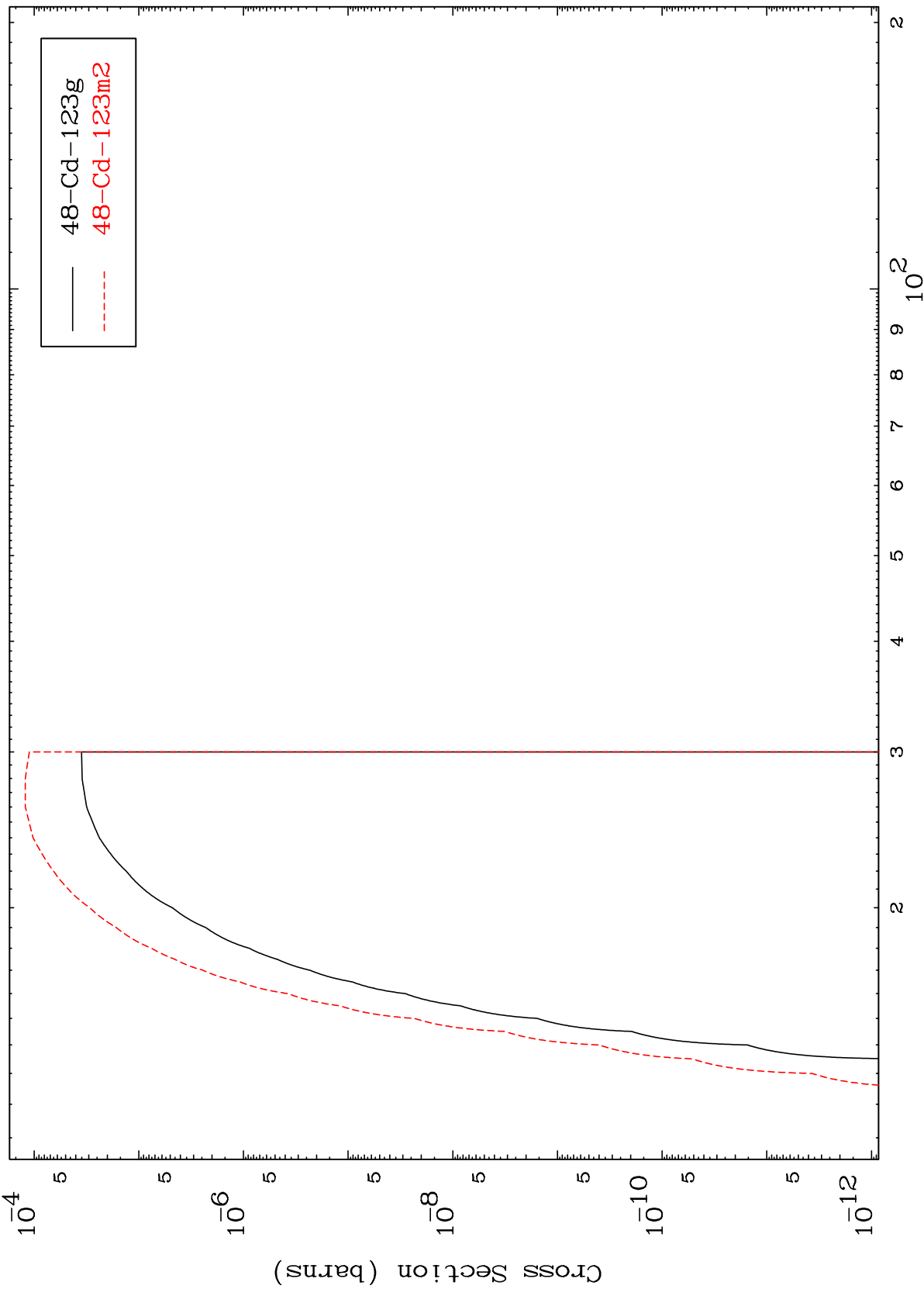
49-In-124m

Incident Energy (MeV)

MAT 4959

49-In-124m

(n,p)
Radionuclide Production Cross Section

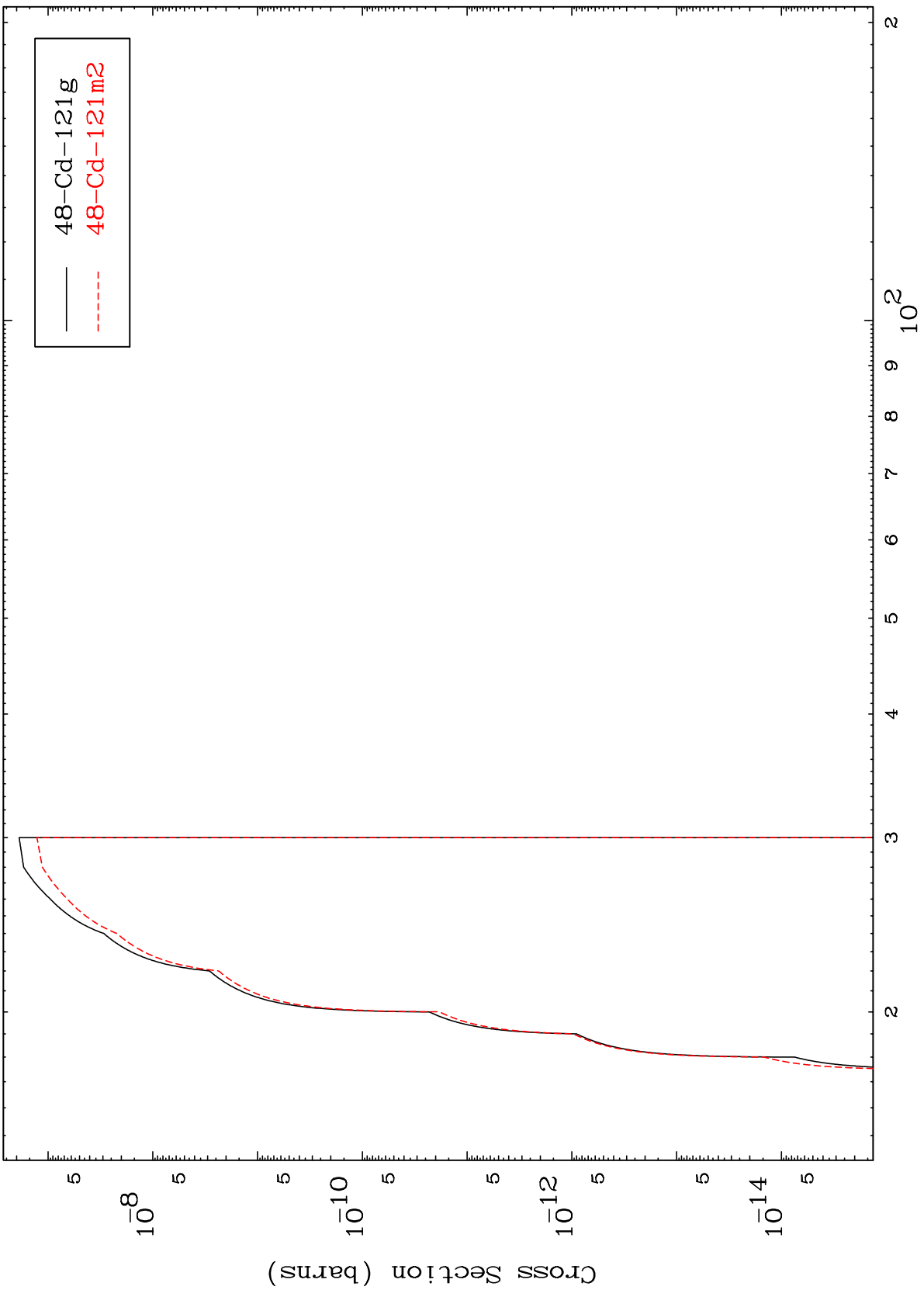


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Incident Energy (MeV)

49-In-124m

(n,t)
Radionuclide Production Cross Section



MAT 4959

49-In-124m

(n, α)
Radionuclide Production Cross Section

